LIST OF REFERENCES CITED BY APPLICANT

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FIRMS DATE

March 9, 2001

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APPLICATION NO.

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G. SCHMID MARCH & ENTER 1600/2000

FRING DATE

March 9, 2001

U.S. PATENT DOCUMENTS

		(Use several sheets if i	necessary)		G. SCHMIDMALER &	NIER 1600/	2900 —		
			•		March 9, 2001		1646		
				S. PATENT DOCUM					
EXAMINER	Ī	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING D.	ATE PRIATE
OAS .	AA	6,086,908	7/2000	Göpferich	-	424	424		
7	AB	5,916,585	6/1999	Cook et al.		424	426		
	AC	5,707,877	1/1998	Siiman et al.		436	518		
	AD	5,686,116	11/1997	Bockman et al.		424	650		
	AE	5,656,598	8/1997	Dunstan et al.		514	12		
	AF	5,645,592	7/1997	Nicolais et al.		623	16		
	AG	5,635,571	6/1997	Frechet et al.		525	410	ļ	
	АН	5,614,496	3/1997	Dunstan et al.		514	12		
	Al	5,603,715	2/1997	Kessler		606	63	<u> </u>	
	A.J	5,556,645	9/1996	Bockman et al.		424	650		
	AK	5,502,074	3/1996	Cullinan et al.		514	443	ļ	
	AL	5,466,609	11/1995	Siiman et al.		436	-518	<u> </u>	_
9/8	AM	4,983,581	1/1991	Antoniades et a	al	514	12	<u> </u>	
7	· · · · · ·		FORE	EIGN PATENT DOC	UMENTS		T		
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	*Abstract Or	ATION nly
_ 10	<u> </u>		ļ			- · -	 	YES	NO
9/3	AN	WO 98/19699	5/1998	PET WO			 		
	AO	WO 98/16268	4/1998	PET WO			 	+	
	AP	WO 98/03695	1/1998	PGT WO			 	╁─┼	
	AQ	EP 0 816 413 A2	1/1998	Europe	<u></u>		1/	1	
	AR	WO 97/38741	10/1997	PCT WO	<u> </u>	- - .		*X	
_ -	AS	WO 97/34953	9/1997	PCT WO	-				<u> </u>
	AT	WO 97/32594	9/1997	ACT WO				-	
	AU	WO 97/24369	7/1997	PCT WO			 	 	
	AV	WO 96/38167	12/1996	POT WO	-		 		
-	AW	WO 96/28196	9/1996	PCT WO			 	·x	
_	AX	EP 0 719 562 A1	7/1996	Europe	Λ·		\	 ^ +	
	AY	WO 96/18591	6/1996	PCT MI			/ 	 	•
	AZ BA	WO 96/05825	2/1996	PCT W	10		'	 	
	BB	WO 96/00592	1/1996			- /	 	·×	<u></u>
- -	BC	DE 195 11 243 A1 WO 95/24211	9/1995	Germany FCT	wo			1^1	
NO	BD	0 636 377 A1	2/1995	Europe				 	
	<u>, , , , , , , , , , , , , , , , , , , </u>		1 4 1000	L Lui Ope					

7)	

	_						T		
+~ Q	8	BE	WO 94/08635	4/1994	PCT WO		<u> </u>	/	
		·BF	WO 94/03159	2/1994	pet WO		 /		
		ВG	DE 41 30 546 A1	3/1993	Germany			*X	
		вн	DE 41 30 545 A1	3/1993	Germany	<u> </u>		*X	
		ВІ	WO 91/11148	8/1991	POT WO		_/_		
		BJ	DE 39 33 217 A1	4/1991	Germany		/	•x	
DE.	Ci3	ВК	WO 90/13302	11/1990	POT WO	ļ,	/		<u> </u>
	an	叫	0 366 018	5/1990	Europe	/	_	·x	<u> </u>
10 2		¥ 4	WO 88/10123	12/1988	POT WO		<u> </u>	•x	<u> </u>
, 9	12,	BN	0 198 213 A2	10/1986	Europe	<u>/</u>	<u> </u>	<u>L</u>	<u> </u>
ENT 8 T	N PU		OTHER RE	FERENCES (I	ncluding Author, Title, Date, Pertinent Pages, Etc.)	<u> </u>			
9	8	во	Hormone in Distraction	n Osteogenes	Evidence for the Bone Anabolic Effect of Spais (DO)," Intl. Soc. Fracture Repair, 3/1998. hstumshormon beschleunigt die Kallusreifung			rowth	
					English translation of Abstract only)				
					the Thrombogenicity of Steel and Gold-Sur	face Co	oronary St	ents w	ith a
		BP			ating in a Human Stasis Model," Circulation				
					the Thrombogenicity of Steel and Gold-Sur			ents w	ith a
		BQ	0. 1.44 1.15						88,
		BR			Time Release Characteristics of a Biodegrad a PG12 Analog," European Heart Journal				tent
		BS	Prostacyclinanalog fre	eisetzt, um die	actid-Beschichtung für Koronarstents, die Pla e Aktivierung von Thrombozyten und der pla 197. (In German, no translation available)				zu
		вт			ase Characteristics of a Biodegradable Sten Analog," J Am Coll Cardiol 29(94A):927-3,		g with Po	ylactic	: Acid
		BU		ycline Analog	degradable Polylactic Acid Coronary Stent-Coronary				
		B∨			owth Hormone Accelerates Bone Regenerate Consensus Meeting, European Tissue R				
		вw	H. Bail et al., "Recomi Osteogenesis," 1997.		n Hormone Increases Hard Callus Formation	n in Dist	traction		
		вх			ne Closure of Skull Defects: Temporal Dyna urnal of Bone and Mineral Research 8(6):75			mation	ı in
a	2	вч			ilin Growth Factor-1 on Calvarial Sutures in	a Sprag	gue-Dawle	y Rat,	" The



BZ

J. Pfeilschifter et al., "Stimulation of Bone Matrix Apposition in Vitro by Local Growth Factors: A Comparison Between Insulin-like Growth Factor I, Platelet-Derived Growth Factor, and Transforming Growth Factor β," Endocrinology 127(1):69-75, 1990.

EXAMINER

Junera M. Reell

DATE CONSIDERED

6/11/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



U.S. PATENT DOCUMENTS

LIST	OF I	REFERENCES CIT		PLICANT TENT DOCUM	ATTY DOCKET NO. 8932-148 APPLICANT G. SCHMIDMA FILING DATE March 9, 2001 IENTS	ER et al		
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	Т	AME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
0/8	A01	5,906,600	5/25/1999	Bähr		604	265	
7	A02	5,770,255	6/23/1998	Burrell et al.		427	2.1	
	A03	5,759,564	6/2/1998	Milder et al.		424	426	
	A04	5,108,399	4/28/1992	Eitenmuller et al.		606	77	
Q/S	A05	4,476,590	10/16/1984	Scales et al.		3	1.91	
								
				<u></u>				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL. * Abstrac	
`L					•		YES	NO
0/8	B01	EP 0 792 654 A2	9/3/1997	Europe		•	*X	
0/8	B02	WO 89/04674	6/1/1989	per wo	_	•		
	1							

OTHER REFERENCES (Inclu	ling Author, Title	e, Date, Pertinent I	Pages, Ltc.)
-------------------------	--------------------	----------------------	--------------

98	C01	F. Kandziora et al., "Experimentelle Spondylodese der Schafshalswirbelsäule," Der Chirurg, 2002, 73:1025-1038.
,	C02	M. Lucke et al., "Gentamicin coating of metallic implants reduces implant-related osteomyelitis in rats," <u>Bone</u> , 32 (2003), pp 521-531.
	C03	H. Bail et al., "Systemic application of growth hormone enhances the early healing phase of osteochondral defects-a preliminary study in micropigs," <u>Bone</u> , 32 (2003), pp 457-467.
	C04	G. Schmidmaier et al., "Bone Morphogenetic Protein-2 Coating of Titanium Implants Increases Biomechanical Strength and Accelerates Bone Remodeling in Fracture Treatment: A Biomechanical and Histological Study in Rats," Bone, Vol. 30, No. 6, June 2002:816-822.
	C05	B. Wildemann et al., "Cell Proliferation and Differentiation During Fracture Healing Are Influenced by Locally Applied IGF-1 and TGF-β1: Comparison of Two Proliferation Markers, PCNA and BrdU," 2003 Wiley Periodicals, Inc., pp 150-156.
	C06	T. Pufe et al., "Quantitative measurement of the splice variants 120 and 164 of the angiogenic peptide vascular endothelial growth factor iin the time flow of fracture healing: a study in the rat," Cell Tissue Res. (2002) 309:387-392.
	C07	F. Kandziora et al., "IGF-I and TGF-β1 Application by a Poly-(D,L-Lactide)-Coated Cage Promotes Intervertebral Bone Matrix Formation in the Sheep Cervical Spine," <u>SPINE</u> , Volume 27, Numer 16, pp 1710-1723, 2002.
	C08	F. Kandziora et al., "Bone morphogenetic protein-2 application by a poly(D,L-lactide)-coated interbody cage: in vivo results of a new carrier for growth factors," J. Neurosurg (Spine 1), 97:40-48, 2002.
	C09	G. Schmidmaier et al., "Improvement of Fracture Healing by Systemic Administration of Growth Hormone and Local Application of Insulin-like Growth Factor-1 and Transforming Growth Factor-31," Bone, Vol. 31, No. 1, July 2002:165-172.
948	C10	F. Kandziora et al., "Bone morphogenetic protein-2 application by a poly(D,L-lactide)-coated interbody cage: in vivo

HOY OF	2003	K 5	Sheet Z OI Z
	\$.4		results of a new carrier for growth factors," J Neurosurg (Spine 1) 97:40-48, 2002.
A TRAIL	Sture.	C11	G. Schmidmaier et al., "IGF-1 and TGF-Beta 1 Incorporated in a Poly(D,L-Lactide) Implant Coating Stimulates Osteoblast Differentiation and Collagen-1 Production but Reduces Osteoblast Proliferation in Cell Culture," 2003 Wiley Periodicals, Inc., pp 157-162.
-		C12	M. Raschke et al., "Insulin-like Growth Factor-1 and Transforming Growth Factor-β1 Accelerates Osteotomy Healing Using Polyactide-coated Implants as a Delivery System: A Biomechanical and Histological Study in Minipigs," <u>Bone</u> , Vol. 30, No. 1, January 2002:144-151.
		C13	M. Raschke et al., "Homologous Growth Hormone Accelerates Healing of Segmental Bone Defects," Bone, Vol. 29, No. 4, October 2001:368-373.
		Cl4	G. Schmidmaier et al., "A New Electrochemically Graded Hydroxyapatite Coating for Osteosynthetic Implants Promotes Implant Osteointegration in a Rat Model," 2002 John Wiley & Sons, Inc., pp 168-172.
		C15	F. Kandziora et al., "Comparison of BMP-2 and combined IGF-1/TGF-β1 application in a sheep cervical spine fusion model," Eur Spine J, (2002), 11:482-493.
		C16	G. Schmidmaier et al., "Local Application of Growth Factors (Insulin-Like Growth Factor-1 and Transforming Growth Factor-\$\beta\$1) From a Biodegradable Poly(D,L-lactide) Coating of Osteosynthetic Implants Accelerates Fracture Healing in Rats," Bone, Vol. 28, No. 4, April 2001:341-350.
9	KS	C17	G. Schmiddmaier et al., "Biodegradable Poly(D,L-Lactide) Coating of Implants for Continuous Release of Growth Factors," 2001 John Wiley & Sons, Inc., pp 449-455.

EXAMINER June 1. Reille

DATE CONSIDERED

6/11/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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